Reynolds Aluminum Presents

new faces for old timers with "ccp"

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BEFORE

AFTER

Concealed Clip Panel Assembly Data

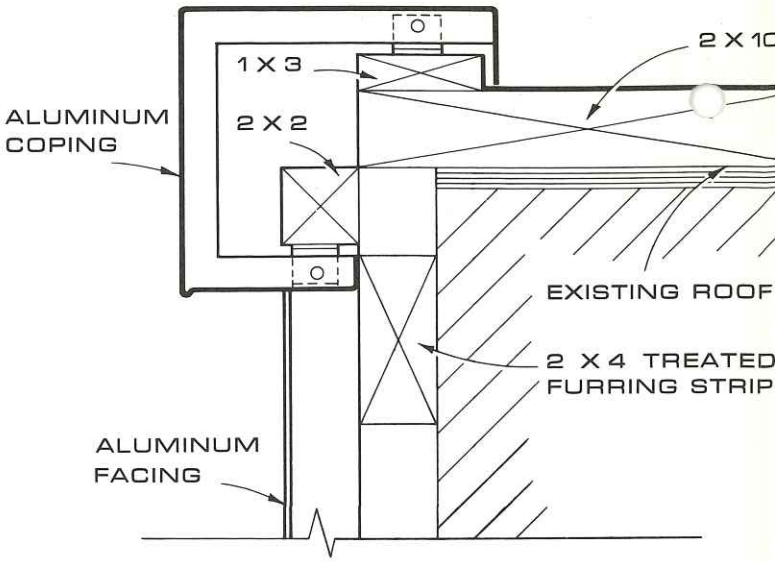
G & E Furniture at Seventh and Washington Streets in Springfield, Illinois, decided to show its friends a bright new face, and got it from Metalcraft Constructors, Inc., with CCP: short for Reynolds Aluminum Concealed Clip Panels.

Sheer vertical walls with stucco embossed surface of durable COLORWELD baked enamel finish gave clean and sturdy beauty, enhanced by a crisp shadow line provided by the interlocking panels. The cost of materials and application was surprisingly low, and G & E will continue to collect a bonus of dependable, trouble-free wall life with extremely low maintenance expense through long years to come.

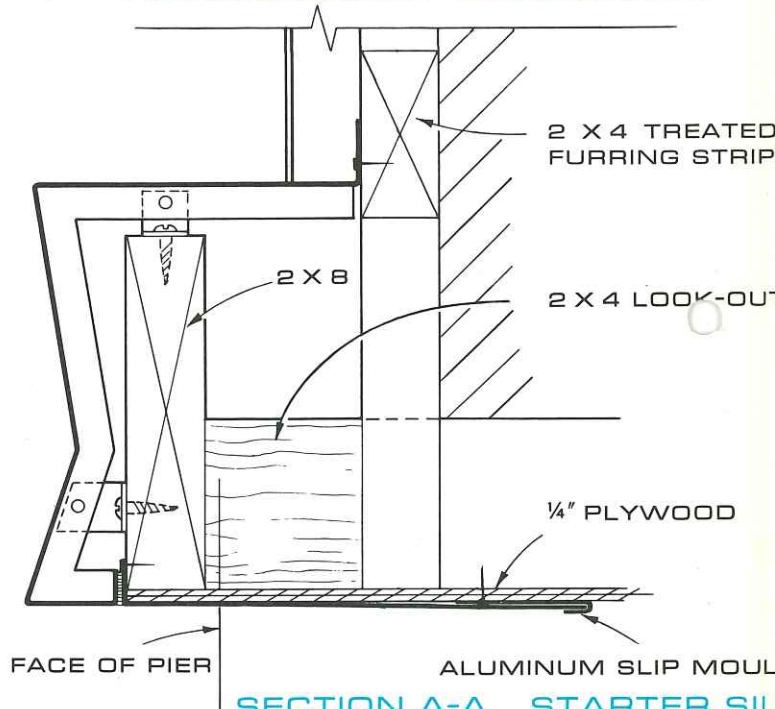
Advantages!

CCP offers architect and owner fresh new freedom of expression for commercial buildings, offices, factories, institutions, warehouses, supermarkets, and a whole host of building types.

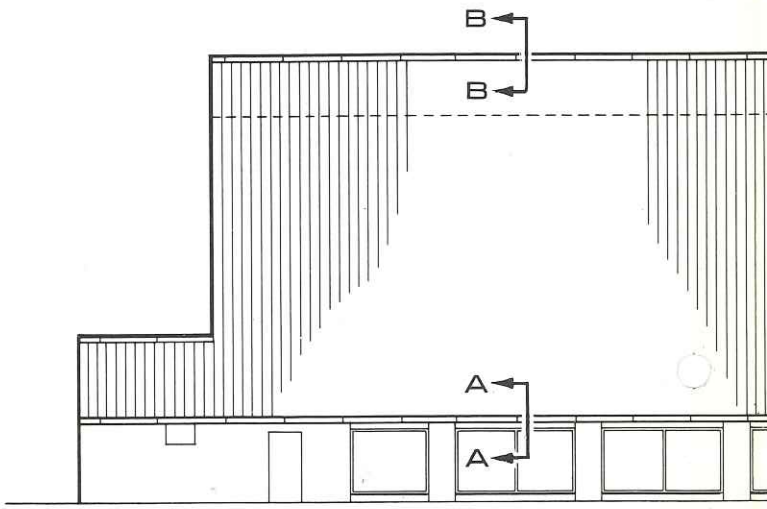
1. Each panel covers a 12-inch width and locks firmly with its neighbor as it snaps into place.
2. Standard lengths from 4′ to 39′ in even half-foot increments.
3. Concealed Clip construction eliminates exposed fastener heads.
4. The built in gutter design prevents leaks through side laps without any gaskets or caulking to stain exposed surface or to deteriorate. Has resisted hurricane winds and rains under tests and in actual service.
5. The weatherproof Reynolds Aluminum resists all the elements better than any other low cost material.
6. The panel remains always free to expand or contract with changing temperatures, without affecting the construction or the appearance.
7. And CCP works just as well for roofs as for walls!
8. Foolproof—quality of job not dependent on skill of workmen.
9. Multi-rib and valley shape assures extra rigidity.
10. Simple cuts permit tight fitting at end laps without capping or swaging.
11. CCP panels are easily adaptable from single skin to insulated wall construction with a choice of interior panels.
12. CCP design permits back-nesting for compact shipping and protection.
13. Light weight permits easier application.
14. Easily cut and worked on the job with standard everyday tools.
15. Panels are made in thicknesses of .032″ and .040″. .024″ and .050″ are available on special inquiry. Coil is inventoried for .032″ Natural, Polar White, Mint Green, Dawn Blue, and Desert Beige Stucco Embossed and .040″ Natural and Polar White Stucco Embossed. Other thicknesses and finishes are available on special inquiry.
16. Easy to replace damaged panels.
17. Full line of accessories.
18. Concealed side lap eliminates need for button punching and unsightly standing seam.



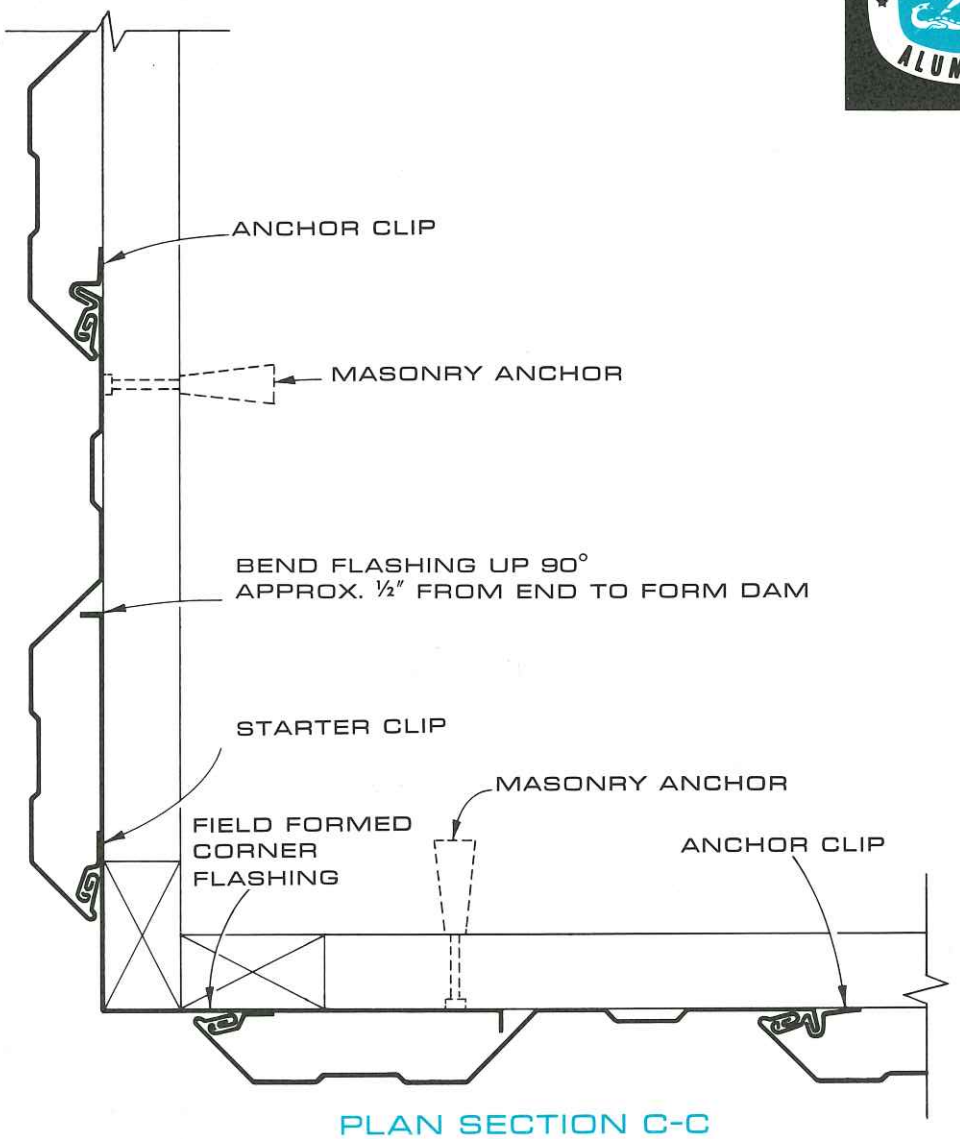
COPING DETAIL SECTION B-B



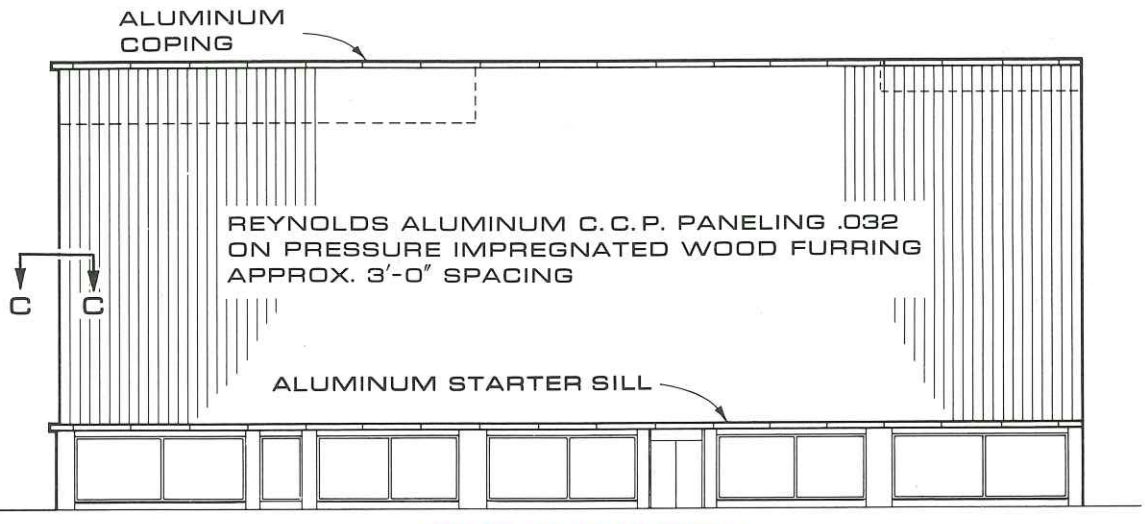
SECTION A-A STARTER SIL



END ELEVATION



PLAN SECTION C-C



SIDE ELEVATION

Reynolds Aluminum Building Products

440 Wood
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"ccp" suggested architectural specifications

.01 GENERAL CONDITIONS: The General Conditions of the Contract for the Construction of Buildings, Standard Form of the American Institute of Architects, current edition, and "Supplementary General Conditions," articles———thru———, are part of this specification.

.02 SCOPE OF WORK: This contractor shall furnish all labor, materials, and equipment to complete the fabrication and erection of all aluminum roofing and/or siding shown on the drawings, or herein specified as follows:

a. Reynolds Aluminum Commercial Concealed Clip Panel roofing and siding as manufactured by the Reynolds Metals Company.
b. Reynolds Aluminum field formed or preformed flashing as required for a weather-tight installation of the "CCP" aluminum roofing and/or siding.
c. Materials required to insulate aluminum from other materials in accordance with Section .07 of this specification.
d. Fasteners and clips required to secure "CCP" aluminum roofing and or siding sheets, flashings, closures and other work included in this section.
e. Preformed neoprene and aluminum closures required for a weather-tight installation.
f. Calking and sealing required in connection with the work of this section.
g. (Include following paragraph if it has not previously been included in the Supplementary General Conditions.) Necessary facilities for storage of material to prevent water or physical damage to materials prior to installation. Materials shall be stored in accordance with the manufacturer's recommendations.

.03 MATERIALS:

a. Roofing and/or Siding Panels: Reynolds Commercial Concealed Clip Panels, .032″ (.040″) (.050″) thick with stucco embossed surface, natural or coated with Colorweld®, color————— as manufactured by the Reynolds Metals Company. Lengths are shown on the drawings and in material list on drawing No.————.
b. Starter Clips, Aluminum alloy 3003 mill finish, .064″ thick.
c. Anchor Clips, Aluminum alloy 3003 mill finish, .064″ thick.
d. Insulation Clips, Aluminum alloy 3003 mill finish, .064″ thick.
e. Snap-In Tool, designed to install "CCP" panels without denting or damage to finish, as manufactured by Reynolds Metals Company.
f. Flashing Stock, 18-5/16″ and 48″ wide, .032″ (.040″) (.050″) thick, 120″ long, stucco embossed with natural Aluminum finish or Colorweld®, color————.
g. Contour Aluminum Closures, stucco embossed .032″ thick, natural aluminum or painted finish.
h. Self-Tapping Screws, stainless steel Type 305, #14 x 1″, Hex washer head, Type B.
i. Self-Tapping Screws, stainless steel Type 305, #14 x ¾″, Hex head, Type B, w/stainless steel backed neoprene washer.
j. Sheet Metal Screws, stainless steel, Type 305, #14 x ¾″, Hex head, Type A, w/stainless steel backed neoprene washer.
k. Calking Compound, all-purpose mastic, gun grade, non-skinning, aluminum color.
l. Calking Compound, gun grade, skinning type, white color.
m. Touch-Up Paint, Colorweld®, color————

.04 APPLICATION: All application of "CCP" aluminum roofing and/or siding work herein specified shall be in accord with the recommendations and instructions supplied by the Reynolds Metals Company.

.05 EXAMINATION OF SURFACES: All defects or omissions found in surfaces prepared by other trades, upon which "CCP" aluminum roofing and/or siding is to be placed shall be reported to the architect (general contractor) in writing. The architect (general contractor) will cause all defects or omissions to be remedied. The starting of work by this contractor indicates his acceptance of the surfaces.

.06 SHOP DRAWINGS: Prints of shop drawings, showing dimensions, sizes, thicknesses, materials, finishes, joinings, attachments, fasteners, and relationship of work of this section to adjoining work, shall be submitted to the architect (general contractor) for approval. Drawings must be approved by the architect (general contractor) before any work shall be performed by this contractor. All work shall be fabricated and erected in accordance with the approved shop drawings.

.07 CONTACT WITH NON-ALUMINUM SURFACES: Contact between aluminum and other metals shall be avoided by coating non-aluminum surfaces with an aluminum-pigmented asphalt paint, or equivalent. Copper products shall not be used in connection with aluminum work, nor shall aluminum be used in locations subject to drainage of copper compounds on the bare aluminum. Aluminum in contact with, or built into, masonry or plaster, shall be coated with asphalt, bituminous mastic, or equivalent. Aluminum in contact with green or wet wood, or wood preservatives that are not compatible with aluminum, shall be back-coated with aluminum-pigmented asphalt paint, and/or 30-pound asphalt-saturated felt installed between the aluminum and the wood.

REYNOLDS METALS COMPANY ▪ BUILDING PRODUCTS & SUPPLY DIVISION ▪ PARK RIDGE, ILLINOIS

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